
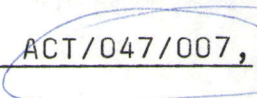


November 8, 1985

TO: Noncoal File

FROM: Dave Cline, Reclamation Hydrologist 

RE: Site Tour of Chevron-Phosphate Operations, ACT/047/007,
Uintah County, Utah 

On August 12, 1985 Sue Linner, Rick Summers, Jim Leatherwood, Dave Cline, Dave Darby and Randy Harden toured the Chevron Phosphate operations near Vernal, Utah. Chevron was represented by Leroy Fyock and Dorene Bessler. The purpose of the visit was to review the construction of the tailings pond dam enlargement and a general familiarization of the operation.

The construction of the tailings dam enlargement had been initiated at the time of the site visit. The stripping of the foundation and construction of the underlying drains had been performed. Discussions occurred concerning the seepage pond construction and capacity of the drain system. Leroy Fyock indicated that the construction material for the dam enlargement would be taken from the McIntyre Tongue of the Moenkopi Formation.

A site tour of some of the reclaimed areas was performed following inspection of the tailings dam. Reclamation contours were a close approximation of the natural contours using a rolling topography rather than using terraces. The redistributed topsoil has shredded pinyon-juniper included to increase the cation exchange capacity and also the aeration and water holding capacity. Natural boulders and boulder clusters are being incorporated into the reclaimed areas. After reseeding, the reclaimed areas are being irrigated by a high pressure sprinkler system with water being pumped from the tailings pond. Reclamation success on these areas appears to be very successful with very little erosion occurring.

A tour of the crusher facilities and ore extraction facilities was also performed. At the time of the site visit two large water tanks to be used for the slurry pipeline were being installed.

Leroy Fyock indicated that a response to the review comments made by the Division on August 9, 1985 would be forthcoming in the next couple of weeks.

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